CVE-2020-5243

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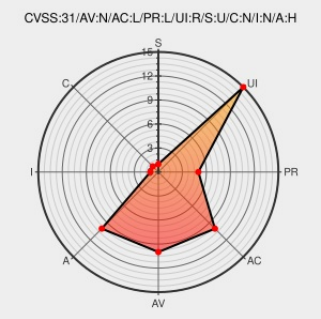
CVE-2020-5243 - advisory for GHSA-cmcx-xhr8-3w9p

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Uap-core from Uap-core Project contain the following vulnerability:

uap-core before 0.7.3 is vulnerable to a denial of service attack when processing crafted User-Agent strings. Some regexes are vulnerable to regular expression denial of service (REDoS) due to overlapping capture groups. This allows remote attackers to overload a server by setting the User-Agent header in an HTTP(S) request to maliciously crafted long strings. This has been patched in uap-core 0.7.3.

CVE-2020-5243 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **ua-parser** - **uap-core** version **< 0.7.3**

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link

Denial of Service in uap-core <=0.7.2 when processing crafted User-Agent strings · Advisory · ua-parser/uap-core · GitHub	Exploit Third Party Advisory github.com text/html	CONFIRM github.com/ua-parser/uap-core/security/advisories/GHSA-cmcx-xhr8-3w9p
Merge pull request from GHSA-cmcx-xhr8-3w9p · ua-parser/uap-core@0afd61e · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/ua-parser/uap-core/commit/0afd61ed85396a3b5316f18bfd1edfaadf8e88e1

Related QID Numbers

983117 Nodejs (npm) Security Update for uap-core (GHSA-cmcx-xhr8-3w9p)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Uap-core Project	Uap-core	All	All	All	All
Application	Uap-core Project	Uap-core	All	All	All	All

cpe:2.3:a:uap-core_project:uap-core:*:*:*:*:*:*:*:*:

cpe:2.3:a:uap-core_project:uap-core:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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